



Cornell University Department of Molecular Biology and Genetics

2009-10 Archived Seminars

May 21, 2010

Doina Tumber

Department of Molecular Biology & Genetics

Cornell University

Title: "Control of stem cell dynamics in the hair follicle native niche"

<http://mbg.cornell.edu/faculty-staff/faculty/tumber.cfm>

May 14, 2010

Greg Hannon

Cold Spring Harbor Laboratory

Cold Spring Harbor

Title: "Conserved roles of small RNAs in genome defense"

Host: Heather Flores

<http://www.cshl.edu/public/SCIENCE/hannon.html>

May 7, 2010

Ning Zheng

Department of Pharmacology

University of Washington

Title: "Targeting Ubiquitin Ligases: Plant Hormones and Drug Discovery"

Host: Ailong Ke

<http://depts.washington.edu/phcol/faculty/zheng.php>

April 30, 2010

Jack Szostak

Department of Molecular Biology- MGH

Harvard Medical School- HHMI

Title: "Towards the Design and Synthesis of an Artificial Cell"

Host: Bik Tye

<http://genetics.mgh.harvard.edu/szostakweb/>

April 29, 2010 (Thursday)

Roy Parker

HHMI- Department of Molecular & Cellular Biology

University of Arizona

Title: "Control of Translation and mRNA Degradation in Eukaryotic Cells"

Host: Jeff Pleiss

<http://www.mcb.arizona.edu/parker/default.htm>

April 23, 2010

Harry Gilbert

University of Georgia

Title: "Dissecting the evolutionary mechanism that underpin plant cell wall deconstruction"

Host: David Wilson

<http://www.ccrcc.uga.edu/personnel/index.php?uid=725&personnel=Tenure-Track%20Faculty>

April 16, 2010

Marcus Smolka

Department of Molecular Biology & Genetics

Cornell University

Title: "Coordination of DNA Damage Response by Checkpoint Kinases & Molecular Scaffolds"

Host: Bik Tye

<http://mbg.cornell.edu/cals/mbg/faculty-staff/faculty/smolka.cfm>

April 9, 2010

Jian-Kang Zhu

University of California, Riverside

Title: "Conserved roles of small RNAs in genome defense"

Host: Jian Hua

<http://www.faculty.ucr.edu/~jkzhu/>

April 2, 2010

Patrick Hu

Life Science Institute

University of Michigan

Title: "Novel regulators of FoxO transcription factors"

Host: Frank Schroeder

<http://www.lsi.umich.edu/facultyresearch/labs/hu/pi>

March 26, 2010

Mitzi Kuroda

Department of Genetics & Medicine

Harvard Medical School

Title: "Xchromosome targeting of dosage compensation in Drosophila"

Host: Dan Barbash

<http://www.hms.harvard.edu/dms/bbs/fac/kuroda.html>

March 19, 2010

Dennis Winge

Health Science Center

University of Utah

Title: "Assembly and Quality Control Degradation of Cytochrome Oxidase"

Host: Tom Fox

<http://www.biochem.utah.edu/~winge/>

March 12, 2010

Elaine Ostrander

Cancer Genetics Branch

National Human Genome Research Institute, NIH

Title: "The long and short of it: Mapping Complex Traits in the Domestic Dog"

Host: Nathan Sutter

<http://www.genome.gov/12513335>

March 8, 2010 (Special Monday Seminar)

Michael Eisen

Department of Molecular & Cell Biology

University of California, Berkeley

Title: *"Molecular Logic & Evolutionary Mirages: The evolution of transcriptional regulation in Drosophila embryogenesis"*

Host: Brian Lazzaro

<http://rana.lbl.gov/eisen/>

March 5, 2010

Shu-Bing Qian

Division of Nutritional Sciences

Cornell University

Title: *"Lost in Translation: a Tale of Protein Birth and Protein Death"*

Host: Volker Vogt

<http://www.human.cornell.edu/che/bio.cfm?netid=sq38>

February 26, 2010

Kris Gunsalus

Center for Genomics and Systems Biology

New York University- New York City

Title: *"Molecular networks in C. elegans early embryogenesis"*

Host: Eric Alani & Kelly Liu

<http://biology.as.nyu.edu/object/KrisGunsalus>

February 19, 2010

Laurel Raftery

Department of Cell Biology

MGH-Harvard Medical Sciences

Title: *"BMP regulation of epithelial morphogenesis"*

Host: Kelly Liu

<http://www.hms.harvard.edu/dms/bbs/fac/raftery.html>

February 12, 2010

Bill Balch

Cell Biology & Chemical Physiology

Scripps Institute - La Jolla, CA

Title: *"Folding Energetics, Membrane Traffic & Proteostasis: Why it Works and What goes Wrong in Human Disease"*

Host: Bill Brown and Scott Emr

<http://www.scripps.edu/cb/balch/>

February 5, 2010

Paul Cullen

Department of Biological Sciences

State University of New York at Buffalo

Title: *"Signal Transduction Pathway Regulation by Signaling Mucins"*

Host: Chris Fromme

<http://www.biology.buffalo.edu/faculty/cullen.html>

January 29, 2010

David Stern

Department Ecology & Evolutionary Biology

Princeton University

Title: *"How a complex enhancer region contributes to phenotypic robustness and morphological evolution"*

Host: Chip Aquadro

<http://www.princeton.edu/~dstern/Stern%20Lab.html>

January 22, 2010

Randall Kaufman

Biological Chemistry-Biochemical Signaling

HHMI- University of Michigan, Ann Arbor

Title: *"Protein Misfolding in the ER, Oxidative Stress and the Unfolded Protein Response."*

Host: Ling Qi

<http://www.biochem.med.umich.edu/?q=rkaufman>

December 11, 2009 (SPECIAL TIME: 1:30PM)

Dan Barbash

Department of Molecular Biology & Genetics
Cornell University

Title: *"Speciation, the inevitable consequence of genome evolution"*

Host: Kelly Liu

<http://mbg.cornell.edu/cals/mbg/faculty-staff/faculty/barbash.cfm>

December 4, 2009

Daniel Durocher

Title: *"New insights on the response to DNA double-strand breaks from genetic and RNA interference screens"*

Host: Marcus Smolka

<http://www.mshri.on.ca/durocher/>

November 20, 2009

Dan Starr

Title: *"Positioning nuclei with a nuclear envelope bridge"*

Host: Kelly Liu

http://sandtiger.dbs.ucdavis.edu/FacultyProfiles/CDB_GG/DisplayFacultyProfile.cfm?ResearcherID=1829

November 13, 2009

Hannah Klein

Title: *"Regulating Rad51 Recombinase through DNA Translocases"*

Host: Eric Alani

<http://www.med.nyu.edu/biochem/labs/klein/>

November 5, 2009

2009 Racker Lecture

Joseph Schlessinger

Title: *"Journey of a biophysical chemist in biomedical research"*

Call Auditorium-Kennedy Hall at 8:00 p.m.

Reception to follow outside of the Auditorium

Host: David Shalloway

November 6, 2009

MBG Friday Seminar

Joseph Schlessinger

4:00 P.M. G-10 Biotech Building

Title: *"Cell signaling by receptor tyrosine kinases; from molecules to cancer therapy"*

Reception at 5:00 P.M. Atrium-outside of G-10

Host: David Shalloway

October 30, 2009

Natasza Kurpios

Cornell University

Title: *"Trust Your Gut Instinct: Asymmetric Cell Behavior and Cell Shape Specify the Direction of Intestinal Looping"*

Host: Paul Soloway

October 23, 2009

Justin Fay

Title: *"Molecular basis of variable drug responses in yeast"*

Host: Zhenglong Gu

<http://www.genetics.wustl.edu/jflab/>

October 16, 2009

Bing Ren

Title: *"Decoding the human epigenome"*

Host: John Lis

<http://cancer.ucsd.edu/summaries/biren.asp>

October 9, 2009

Joe Thornton

Title: *"Functional Synthesis in Molecular Biology & Evolution: Evolution of Steroid Receptor Structure"*

Host: Nathan Clark

<http://www.uoregon.edu/~joet/>

September 25, 2009

Bradley Bernstein

Title: "*Epigenetic mechanism of pluripotency*".

Host: Paul Soloway

<http://www.hms.harvard.edu/dms/bbs/fac/Bernstein.html>

September 18, 2009

Ana Maria Cuervo

Department of Developmental and Molecular Biology

Albert Einstein College of Medicine, Bronx, NY

Title: "**Selective Autophagy in Aging and Age-related Disorders**"

Host: Sylvia Lee

<http://www.aecom.yu.edu/cuervo/>

September 11, 2009

Dr. Jue Chen

Department of Microbiology

University of California-Davis

Title: "**Alternating access of the maltose ABC transporter**"

Host: Yuxin Mao

<http://chen.bio.purdue.edu/people.html>

August 28, 2009

Dr. Frank Schroeder

Schroeder Research Group, Boyce Thompson Institute, and Department of Chemistry and Chemical Biology

Cornell University

Title: "***Worm chemical biology: Lessons from small molecules***"

Host: Volker Vogt

<http://www.bti.cornell.edu/FrankSchroeder.php>